

North Carolina Weather & Crops Report

Released: August 21, 2017



CROP SUMMARY FOR THE WEEK ENDING AUGUST 20, 2017

DAYS SUITABLE FOR FIELD WORK

This Week	Last Week	Last Year	5-Year Avg.
5.3	4.8	6.2	5.4

SOIL MOISTURE PERCENT

	VS	ST	A	SS
Topsoil Moisture	4	20	64	12
Subsoil Moisture	4	22	62	12
VS= Very Short ST = Short A = Adequate SS = Surplus				

CROP PROGRESS PERCENT – WITH COMPARISONS

	This Week	Last Week	Last Year	5 Yr. Avg.
PHENOLOGICAL:				
Corn % Dent	89	79	91	87
Corn % Mature	56	45	64	58
Cotton % Setting Bolls	90	87	92	94
Soybeans % Blooming	90	86	92	82
Soybeans % Setting Pods	64	58	73	62
HARVESTED:				
Apples	24	20	28	25
Corn Silage	46	42	49	43
Hay: Second Cutting	88	85	85	75
Hay: Third Cutting	20	13	21	22
Peaches	82	77	77	82
Tobacco Flue-cured	38	33	44	42

CROP CONDITION PERCENT

	VP	P	F	G	EX
Apple	0	0	32	67	1
Corn	1	6	21	51	21
Cotton	2	6	21	59	12
Hay	1	3	29	61	6
Pasture	2	6	32	58	2
Peanuts	0	2	16	72	10
Sorghum	0	3	31	64	2
Soybeans	1	4	23	63	9
Sweet Potato	0	2	23	69	6
Tobacco: Flue-cured	1	10	29	53	7
Tobacco: Burley	0	1	45	54	0
VP = Very Poor P = Poor F = Fair G = Good EX = Excellent					

This period was drier than normal with scattered thundershowers, so rainfall ranged from a "T" to .25". A few localized areas near the Cashiers plateau may have recorded a 1" or so. Temperatures were about 3 F degrees above normal, so it was warm to hot for the period. **Robert Hawk – Swain County Extension**

Warm, drier conditions predominated the week. Scattered rain showers and thunderstorms did limit field activities in some areas; however, overall precipitation levels were relatively light with most areas of the county receiving between .75" - 1" of rain. hay producers made some progress harvesting their second cutting. Vegetable crop harvest continues with disease pressures increasing as we get later in the season.

Stanley Holloway – Yancey County Ext

Rain showers have helped with the dry conditions. Second cutting hay will be short. Some producers have been feeding hay as pastures have become short. The recent rain showers should help with this and second cutting hay.

Julia Houck – Ashe-Alleghany County Extension

High rainfall in the Mills River, NC area has slowed down tomato ripening. Growers started harvesting sweet corn this past week. Cucumbers, Tomatoes, peppers, and sweet corn are all being harvested. Gala and Ginger Gold apples are being harvested.

Karen Blaedow - Henderson County Extension

The warm temperatures hurt our late corn crops. Our tobacco is getting a little more body to it. There are still areas that our tobacco has suffered. We did have some industrial hemp planted late that germinated and the heat and dry weather wiped some of it out. Vegetable crops have taken a beaten by the hot weather. Pastures and hay land have suffered from the heat as well. Soybeans are blooming and trying to set pods, but the 90 degree temperatures are doing some damage as well.

Charles Mitchell - Franklin County Extension

Rainfall has helped soybeans, along with more moderate temperatures. Growth on double cropped beans have been good the last week. Tobacco harvest continued, barely slowing down during rain showers. Pastures have greened up a bit following showers, but rainfall is still needed across the areas as showers have continued to be pretty spotty.

Paul Westfall – Granville County Extension

Wet weather continues to delay corn harvest. If this patterns continues, grain quality will be affected. Soybeans are responding to wet weather with good growth.

Daniel Simpson – Pamlico County Extension

Extreme heat taking a toll on crops. Tobacco continues to deteriorate, corn is maturing, soybeans aborting flowers. Silage is cut most second hay cuttings are done.

Gary Cross - Person County Extension

Crop conditions improved slightly in areas that received rain, many areas could use more, especially considering the heat.

Don Nicholson – Agronomist Region 7

Hot and dry weather conditions have affected crops in Harnett County. Some growers are pushing very hard in an effort to irrigate as much tobacco and sweet potato ground as possible. Some tobacco growers are starting to strip harvest some of their fields as some tobacco has matured very quickly.

Brian Parrish – Harnett County Extension

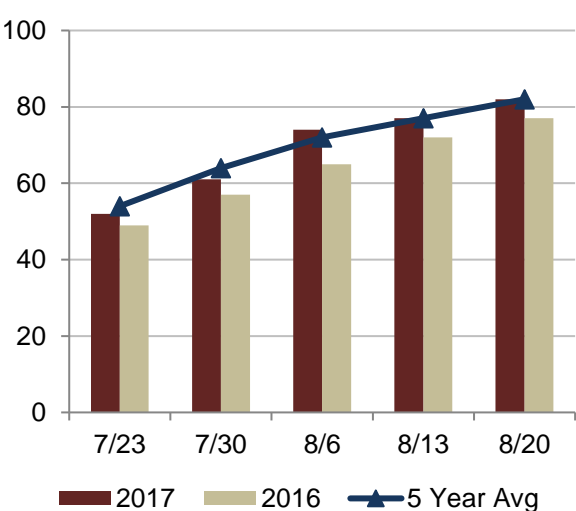
Black Shank has been seen in Tobacco.

Della King – Sampson County Extension

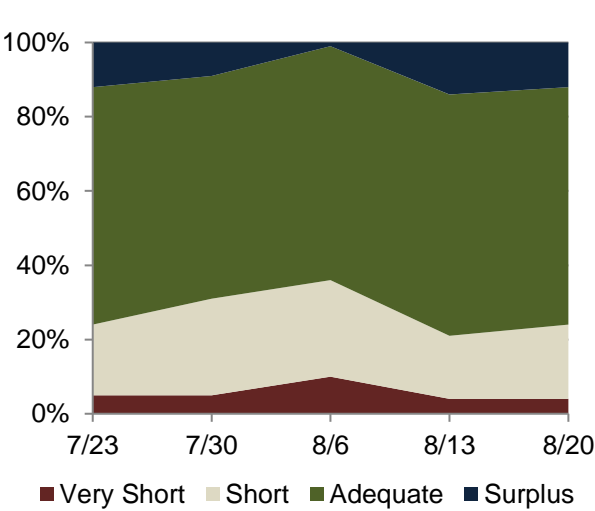
Frequent rainfall events of 1-2 inches continues to fall upon Carteret and southern areas of Craven County delaying harvest and field work. Insect population increasing in soybean fields so this might delay pesticide applications. Limited corn harvest suggest slightly better than average corn yield.

Mike Carroll – Carteret and Craven County Extension

PEACH PERCENT HARVESTED



TOPSOIL MOISTURE PERCENT



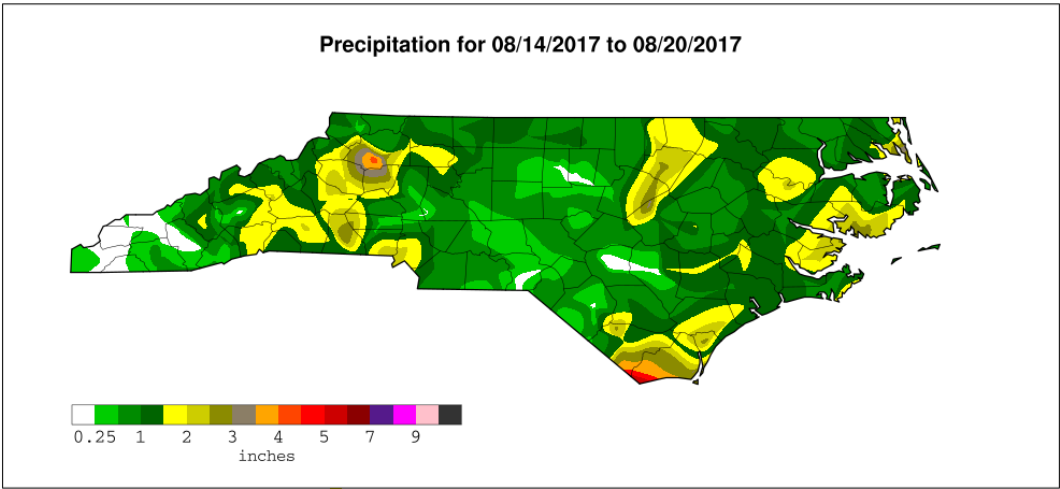
WEATHER SUMMARY FOR THE WEEK ENDING AUGUST 20, 2017									
Location	Precipitation (Inches) ¹				Temperature (Degrees F.)				
	This Week		Year to Date		This Week				
	Total	Departure from Normal	Total	Departure from Normal	High	Low	Avg.	Departure from Normal	Degree Days (YTD)
Asheboro	0.56	-0.42	26.23	-4.63	93	67	80	4	3117
Asheville	1.67	0.69	33.90	2.50	88	63	76	4	2640
Burlington	0.27	-0.64	28.22	-1.78	95	68	81	4	3302
Charlotte	2.10	1.26	36.29	8.15	93	69	82	3	3426
Clayton	3.07	2.08	41.04	11.02	92	71	80	3	3207
Clinton	1.50	0.31	34.14	1.12	93	71	82	4	3474
Elizabeth City	1.55	0.54	34.37	3.00	93	69	82	4	3425
Erwin	0.74	-0.31	28.53	-4.17	95	72	83	6	3565
Fayetteville	0.64	-0.52	30.05	-1.04	96	71	84	5	3859
Gastonia-Gaston	2.28	1.35	30.33	1.82	93	69	82	4	3336
Goldsboro	0.72	-0.56	29.64	-3.20	95	70	83	4	3634
Greensboro	0.63	-0.16	33.99	5.80	93	68	80	4	3176
Greenville	0.94	-0.39	36.88	4.31	96	68	83	5	3593
Hickory	1.36	0.51	31.50	-0.97	91	66	79	3	3053
Jefferson	0.88	-0.10	42.48	9.72	84	55	70	2	1850
Kinston	1.63	0.37	30.63	-3.22	91	68	81	4	3476
Maxton	0.71	-0.34	28.29	-3.53	95	72	84	5	3615
Mount Airy	0.80	-0.04	38.84	7.70	90	62	76	2	2607
New Bern	1.87	0.33	36.04	-0.43	95	72	83	4	3594
North Wilkesboro	2.87	1.89	37.84	4.16	90	60	77	3	2867
Oxford	0.41	-0.60	25.27	-4.62	90	64	77	1	2762
Raleigh-Durham	0.58	-0.26	34.26	6.03	98	71	82	5	3465
Reidsville	1.02	0.25	34.84	3.78	93	60	77	2	2991
Roanoke Rapids	0.52	-0.46	28.95	-0.96	94	71	81	4	3441
Robbinsville	0.24	-1.02	42.65	-2.16	83	58	72	-1	2435
Rockingham	0.16	-0.75	25.88	-6.87	96	70	83	6	3446
Roxboro	0.45	-0.39	36.62	6.50	92	58	76	1	2883
Southern Pines	0.59	-0.39	28.09	-3.64	99	69	83	5	3511
Statesville	0.35	-0.49	35.71	5.58	91	63	77	1	2885
Tarboro	0.92	-0.16	38.95	8.90	94	72	82	5	3380
Vale	2.44	1.60	35.88	4.68	92	65	78	2	2936
Wallace	0.85	-0.59	38.00	1.85	93	68	82	3	3504
Washington	0.79	-0.40	35.39	3.14	94	70	82	5	3426
Waynesville	1.71	0.76	29.32	-3.55	88	61	75	6	2213
Whiteville	2.65	1.39	30.93	-2.79	93	73	83	4	3467
Williamston	2.16	0.97	36.71	4.46	92	68	81	4	3415
Willington	2.62	1.01	44.63	7.12	95	73	84	4	3694
Wilson	1.74	0.76	37.90	6.67	93	69	82	5	3502
Winston Salem	1.11	0.32	33.17	4.98	91	66	79	3	3165

¹ Precipitation data considered preliminary *Data not available.

PRECIPITATION SUMMARY

<http://www.awis.com/>

Map depicts accumulations through dates listed. This product is made possible by AWIS Weather Services, Inc.



US DROUGHT MONITOR OF NORTH CAROLINA

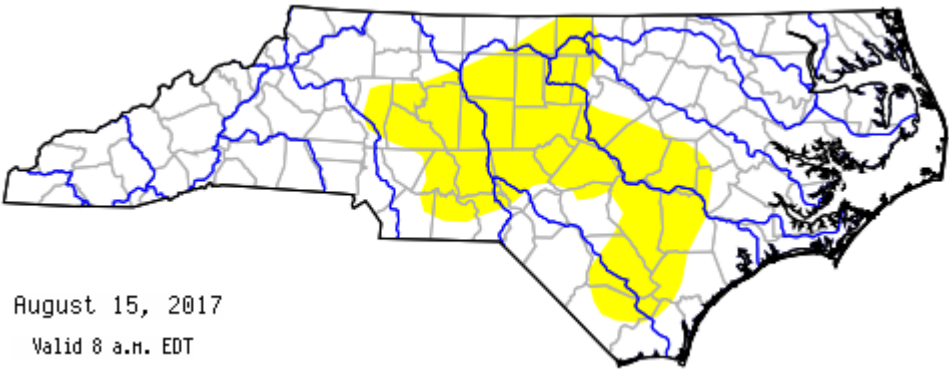
<http://www.ncdrought.org/>

The US drought monitor focuses on broad scale conditions. Information provided for North Carolina is relative to information provided from all other states and the North Carolina Drought Management Advisory Council. Local conditions may vary.

Drought Classifications

- D0 - Abnormally Dry
- D1 - Moderate Drought
- D2 - Severe Drought
- D3 - Extreme Drought
- D4 - Exceptional Drought

August 15, 2017
Valid 8 a.m. EDT



County Boundaries Major River Basins ([View Map](#))
S = Short-Term, typically <6 months (e.g. agriculture, grasslands)
L = Long-Term, typically >6 months (e.g. hydrology, ecology)